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(71) Applicant and

(72) Inventor: MOODY, John, A. [US/US]; 4424 Brandywine Street, N.W., Washington, DC 20016 (US).

(74) Agents: TURNER, Richard, C. et al.; SUGHRUE MION, PLLC, 2100 Pennsylvania Avenue, N.W., Suite 800, Washington, DC 20037-3213 (US).

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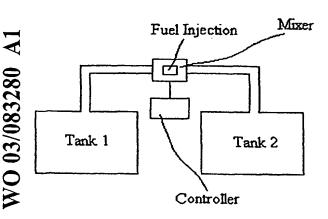
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(54) Title: VARIABLE OCTANE DUEL FUEL DELIVERY SYSTEM



(57) Abstract: Variable octane gasoline fuel system which includes two different octane gasoline fuels, each stored in its own separate vehicle-mounted tank or compartment. These separately-stored high and low octane fuels a mixed, for example, in the vehicle's fuel injection system in proportion as necessary to meet the anti-knock requirement according to instantaneous engine load. The percentage of each octane can be controlled by the pressure in the intake manifold and other factors.